

CLAIMS

- 1 . A hydrogenation catalyst for petroleum resin containing a sulfur component which catalyst comprises palladium and platinum supported on carrier at a ratio by mass of palladium to platinum being in the range of 2.5 to 3.5;
- 2 . The hydrogenation catalyst for petroleum resin containing a sulfur component according to Claim 1, which catalyst comprises 0.3 to 3.0% by mass of palladium and 0.1 to 1.0% by mass of platinum.
- 3 . The hydrogenation catalyst for petroleum resin containing a sulfur component according to Claim 1 or 2, wherein the petroleum resin is a polymerizate of a cyclopentadiene based compound and a vinyl aromatic compound.
- 4 . A process for producing a hydrogenated petroleum resin which comprises bringing hydrogen and a petroleum resin containing a sulfur component into contact with each other in the presence of the catalyst as set forth in Claim 1 or 2.
- 5 . The process for producing a hydrogenated petroleum resin according to Claim 4, wherein the petroleum resin is a polymerizate of a cyclopentadiene based compound and a vinyl aromatic compound.